ABSTRACT OF THE DISCLOSURE

Scanner density values of a digitized image of an original film are processed so that a projection of the digitized image closely matches that image which a film projector would produce when projecting the original film. A

5   method comprises the steps of transforming the scanner density values to printing density values; digital color balancing by writing the printing density values and a LAD patch onto film; printing the film is printed to LAD; transforming the images from device dependent color space values into device independent color space values; carrying out a relationship between the device independent color

10   space and a display device output to obtain RGB code values; adjusting any non-linearity between the RGB code values and the display device output; and scaling the adjusted RGB code values to an appropriate bit depth.